

Application No.: 09/416,267

Docket No.: PF270P1

1-24. (Cancelled)

25. (Previously presented) An isolated protein comprising an amino acid sequence selected from the group consisting of:

- (a) amino acid residues -20 to 203 of SEQ ID NO:2;
- (b) amino acid residues -19 to 203 of SEQ ID NO:2; and
- (c) amino acid residues 1 to 203 of SEQ ID NO:2.

26. (Previously presented) The isolated protein of claim 25 which comprises amino acid sequence (a).

27. (Previously presented) The isolated protein of claim 25 which comprises amino acid sequence (b).

28. (Previously presented) The isolated protein of claim 25 which comprises amino acid sequence (c).

29. (Previously presented) The isolated protein of claim 25 wherein the amino acid sequence further comprises a heterologous polypeptide.

30. (Previously presented) The protein of claim 25, wherein said isolated protein is glycosylated.

Application No.: 09/416,267

Docket No.: PF270P1

31. (Previously presented) The protein of claim 25, wherein said isolated protein is fused to polyethylene glycol.

32. (Previously presented) A composition comprising the isolated protein of claim 25 and an acceptable carrier.

33. (Previously presented) A protein produced by a method comprising:  
(a) culturing a host cell under conditions suitable to produce the isolated protein of claim 25; and  
(b) recovering the protein from the host cell culture.

34. (Previously presented) An isolated protein comprising an amino acid sequence selected from the group consisting of:  
(a) the amino acid sequence of the full-length polypeptide, which amino acid sequence is encoded by the cDNA clone contained in ATCC Deposit No. 97486;  
(b) the amino acid sequence of the full-length polypeptide, excluding the N-terminal methionine residue, which amino acid sequence is encoded by the cDNA clone contained in ATCC Deposit No. 97486; and  
(c) the amino acid sequence of the mature polypeptide, which amino acid sequence is encoded by the cDNA clone contained in ATCC Deposit No. 97486.

35. (Previously presented) The protein of claim 34 which comprises amino acid sequence (a).

Application No.: 09/416,267

Docket No.: PF270P1

36. (Previously presented) The protein of claim 34 which comprises amino acid sequence (b).

37. (Previously presented) The protein of claim 34 which comprises amino acid sequence (c).

38. (Previously presented) The isolated protein of claim 34 wherein the amino acid sequence further comprises a heterologous polypeptide.

39. (Previously presented) The protein of claim 34, wherein said isolated protein is glycosylated.

40. (Previously presented) The protein of claim 34, wherein said isolated protein is fused to polyethylene glycol.

41. (Previously presented) A composition comprising the isolated protein of claim 34 and an acceptable carrier.

42. (Previously presented) A protein produced by a method comprising:  
(a) culturing a host cell under conditions suitable to produce the isolated protein of claim 34; and  
(b) recovering the protein from the host cell culture.

43. (Previously presented) An isolated protein comprising an amino acid sequence selected from the group consisting of:

Application No.: 09/416,267

Docket No.: PF270P1

- (a) amino acid residues -20 to 203 of SEQ ID NO:2;
- (b) amino acid residues -19 to 203 of SEQ ID NO:2; and
- (c) amino acid residues 1 to 203 of SEQ ID NO:2;

wherein 1 to 5 amino acid residues are substituted in, deleted from, or added to, in any combination, said amino acid sequence.

44. (Previously presented) The isolated protein of claim 43 which comprises amino acid sequence (a).

45. (Previously presented) The isolated protein of claim 43 which comprises amino acid sequence (b).

46. (Previously presented) The isolated protein of claim 43 which comprises amino acid sequence (c).

47. (Previously presented) The isolated protein of claim 43 wherein the amino acid sequence further comprises a heterologous polypeptide.

48. (Previously presented) The protein of claim 43, wherein said isolated protein is glycosylated.

49. (Previously presented) The protein of claim 43, wherein said isolated protein is fused to polyethylene glycol.

50. (Previously presented) A composition comprising the isolated protein of claim

Application No.: 09/416,267

Docket No.: PF270P1

43 and an acceptable carrier.

51. (Previously presented) A protein produced by a method comprising:

- (a) culturing a host cell under conditions suitable to produce the isolated protein of claim 43; and
- (b) recovering the protein from the host cell culture.

52. (Previously presented) An isolated protein comprising an amino acid sequence selected from the group consisting of:

- (a) amino acid residues -20 to 203 of SEQ ID NO:2;
- (b) amino acid residues -19 to 203 of SEQ ID NO:2; and
- (c) amino acid residues 1 to 203 of SEQ ID NO:2;

wherein 5 to 10 amino acid residues are substituted in, deleted from, or added to, in any combination, said amino acid sequence.

53. (Previously presented) The isolated protein of claim 52 which comprises amino acid sequence (a).

54. (Previously presented) The isolated protein of claim 52 which comprises amino acid sequence (b).

55. (Previously presented) The isolated protein of claim 52 which comprises amino acid sequence (c).

Application No.: 09/416,267

Docket No.: PF270P1

56. (Previously presented) The isolated protein of claim 52 wherein the amino acid sequence further comprises a heterologous polypeptide.

57. (Previously presented) The protein of claim 52, wherein said isolated protein is glycosylated.

58. (Previously presented) The protein of claim 52, wherein said isolated protein is fused to polyethylene glycol.

59. (Previously presented) A composition comprising the isolated protein of claim 52 and an acceptable carrier.

60. (Previously presented) A protein produced by a method comprising:  
(a) culturing a host cell under conditions suitable to produce the isolated protein of claim 52; and  
(b) recovering the protein from the host cell culture.

61. (Previously presented) An isolated protein comprising at least 30 contiguous amino acid residues of SEQ ID NO:2.

62. (Previously presented) The isolated protein of claim 61 wherein the isolated protein comprises at least 50 contiguous amino acid residues of SEQ ID NO:2.

Application No.: 09/416,267

Docket No.: PF270P1

63. (Previously presented) The isolated protein of claim 61 wherein the amino acid sequence further comprises a heterologous polypeptide.

64. (Previously presented) The protein of claim 61, wherein said isolated protein is glycosylated.

65. (Previously presented) The protein of claim 61, wherein said isolated protein is fused to polyethylene glycol.

66. (Previously presented) A composition comprising the isolated protein of claim 61 and an acceptable carrier.

67. (Previously presented) A protein produced by a method comprising:  
(a) culturing a host cell under conditions suitable to produce the isolated protein of claim 61; and  
(b) recovering the protein from the host cell culture.

68. (Previously presented) An isolated protein comprising an amino acid sequence 90% or more identical to an amino acid sequence selected from the group consisting of:  
(a) amino acid residues -20 to 203 of SEQ ID NO:2;  
(b) amino acid residues -19 to 203 of SEQ ID NO:2; and  
(c) amino acid residues 1 to 203 of SEQ ID NO:2.

Application No.: 09/416,267

Docket No.: PF270P1

69. (Previously presented) The isolated protein of claim 68 which further comprises an amino acid sequence 90% or more identical to amino acid residues -20 to 203 of SEQ ID NO:2.

70. (Previously presented) The isolated protein of claim 68 which further comprises an amino acid sequence 90% or more identical to amino acid residues -19 to 203 of SEQ ID NO:2.

71. (Previously presented) The isolated polypeptide of claim 68 which further comprises an amino acid sequence 90% or more identical to amino acid residues 1 to 203 of SEQ ID NO:2.

72. (Previously presented) The isolated protein of claim 68 which further comprises an amino acid sequence 95% or more identical to amino acid residues -20 to 203 of SEQ ID NO:2.

73. (Previously presented) The isolated protein of claim 68 which further comprises an amino acid sequence 95% or more identical to amino acid residues -19 to 203 of SEQ ID NO:2.

74. (Previously presented) The isolated protein of claim 68 which further comprises an amino acid sequence 95% or more identical to amino acid residues 1 to 203 of SEQ ID NO:2.

Application No.: 09/416,267

Docket No.: PP270P1

75. (Previously presented) The isolated protein of claim 68 wherein the amino acid sequence further comprises a heterologous polypeptide.

76. (Previously presented) The protein of claim 68, wherein said isolated protein is glycosylated.

77. (Previously presented) The protein of claim 68, wherein said isolated protein is fused to polyethylene glycol.

78. (Previously presented) A composition comprising the isolated protein of claim 68 and an acceptable carrier.

79. (Previously presented) A protein produced by a method comprising:  
(a) culturing a host cell under conditions suitable to produce the isolated protein of claim 68; and  
(b) recovering the protein from the host cell culture.